

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30380
Name: Hupfer Operating, Inc.
Address: P.O. Box 216
City/State/Zip: Hays, KS 67601
Purchaser: _____
Operator Contact Person: Dennis D. Hupfer
Phone: (785) 628-8666
Contractor: Name: Sterling Drilling Co.
License: 5142
Wellsite Geologist: James C. Musgrove
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)
If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____
8-28-06 9-3-06 Plugged 9-3-06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-24961-0000
County: Barton
100 S NE SE SW Sec. 16 Twp. 16 S. R. 13 ☐ East ☒ West
890 feet from S N (circle one) Line of Section
2970 feet from E W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Mai Well #: 2
Field Name: Trapp
Producing Formation: _____
Elevation: Ground: 1946 Kelly Bushing: 1955
Total Depth: 3421 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 478 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 560 bbls
Dewatering method used Let dry natural
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

PA-Dlg-11/25/08

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

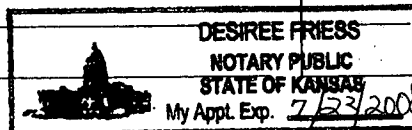
Signature: Dennis D. Hupfer
Title: President Date: Oct 24, 06
Subscribed and sworn to before me this 24 day of October, 2006
Notary Public: Desiree Fries
Date Commission Expires: 7/23/2008

KCC Office Use ONLY

N Letter of Confidentiality Attached
If Denied, Yes ☐ Date: RECEIVED
Wireline Log Received
Geologist Report Received
OCT 26 2006

UIC Distribution

KCC WICHITA



Operator Name: Hupfer Operating, Inc. Lease Name: Mai Well #: #2
 Sec. 16 Twp. 16 S. R. 13 East Wes County: Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

DST #1 - Arbuckle - 3393' to 3421'. 30-30-30-30. Strong blow. Recovered 2150' salt water. ISIP 1094, FSIP 1101, IFP 133-622, FFP 631-886

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Heebner	3084	-1129
Toronto	3104	-1149
Douglas	3114	-1159
Lansing	3166	-1211
Arbuckle	3409	-1454
RTD	3421	-1466

CASING RECORD New Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8-5/8	20#	478	60/40 Poz	325	2% gel, 3% cc
			D&A				

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run	Yes	No
Date of First, Resumed Production, SWD or Enhr.	Producing Method					
	Flowing Pumping Gas Lift Other (Explain)					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____



SALES OFFICE:
100 S. Main
Suite #607
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

SALES & SERVICE OFFICE:
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(620) 672-1201
(620) 672-5383 FAX

SALES & SERVICE OFFICE:
1700 S. Country Estates Rd.
P.O. Box 129
Liberal, KS 67905-0129
(620) 624-2277
(620) 624-2280 FAX

Invoice

Bill to: Hupfer Operating, Inc. P.O. Box 216 Hays, KS 67601-0216	3758600	Invoice	Invoice Date	Order	Station
		607411	8/29/06	13733	Pratt
		Service Description			
		Cement			
		Lease	Well	Well Type	
		Mai	2	New Well	
		AFE	PO	Terms	
				Net 30	
	CustomerRep	Treater			
Kenny Clark	Steve Orlando				

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	325	\$10.30	\$3,347.50 (T)
C310	CALCIUM CHLORIDE	LBS	840	\$1.00	\$840.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$88.90	\$88.90 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	140	\$5.00	\$700.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	70	\$3.00	\$210.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	980	\$1.60	\$1,568.00
E107	CEMENT SERVICE CHARGE	SK	325	\$1.50	\$487.50
R201	CASING CEMENT PUMPER, 301-500' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
S100	FUEL SURCHARGE		1	\$88.37	\$88.37

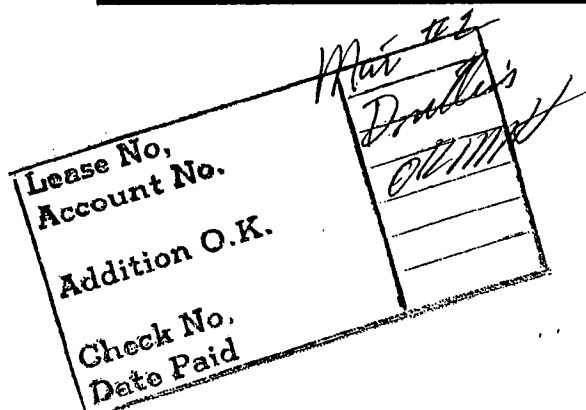
Sub Total: \$8,504.27

Discount: \$1,346.54

Discount Sub Total: \$7,157.73

Barton County & State Tax Rate: 6.55% Taxes: \$235.75

(T) Taxable Item Total: \$7,393.48



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PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer agrees not to withhold payment of any invoice, or assert any right of offset, recoupment or any other defense to payment of any invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such invoice because of defects in the specific services described in such invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert

etStar
ENERGY SERVICES
INC.

Subject to Correction

ENERGY SERVICES INC. 8-29-06		Customer ID		Lease MAI County Barton		Well # 2 State KS		Legal 16-16S-13W Station Pratt	
Hupler Operating, Inc.		Depth 478		Formation		Shoe Joint 42.40			
		Casing 8 1/2" 20#		Casing Depth 478		TD 478		Job Type 8 1/2" Surface New well	
		Customer Representative Kenny				Treater Steve Orlando			
AFE Number		PO Number		Materials Received by X K.D. Clark					

[illegible]

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

TOTAL



SALES OFFICE:
100 S. Main
Suite #607
Wichita KS 67202
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Liberal, KS 67905-0129
(620) 624-2277
(620) 624-2280 FAX

Invoice

Bill to: Hupfer Operating, Inc. P.O. Box 216 Hays, KS 67601-0216 CustomerRep	3758600	Invoice	Invoice Date	Order	Station
		609012	9/3/06	13735	Pratt
		Service Description			
		Cement			
		Lease	Well	Well Type	
		Mai	2	New Well	
		A/E	PO	Terms	
				Net 30	
			Treater		
		Steve Orlando			

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ (COMMON)	SK	135	\$10.30	\$1,390.50 (T)
C320	CEMENT GELL	LB	468	\$0.25	\$117.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$88.90	\$88.90 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	140	\$5.00	\$700.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	70	\$3.00	\$210.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	410	\$1.60	\$656.00
E107	CEMENT SERVICE CHARGE	SK	135	\$1.50	\$202.50
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit) 2 HR	EA	1	\$700.00	\$700.00
S100	FUEL SURCHARGE		1	\$45.72	\$45.72

Sub Total: \$4,110.62

Discount: \$407.21

Discount Sub Total: \$3,703.41

Barton County & State Tax Rate: 6.55% Taxes: \$94.21

(T) Taxable Item Total: \$3,797.62

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer agrees not to withhold payment of any Invoice, or assert any right of offset, recoupment or any other defense to payment of any Invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such Invoice because of defects in the specific services described in such Invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert



FIELD ORDER 13735

Subject to Correction

Date 9-3-06		Customer ID		Lease MAT	Well # 2	Legal 16-165-13 W
C H A R G E		County Barton		State KS	Station Pratt	
Company Hopfer Operating Inc.		Depth	Formation		Shoe Joint	
		Casing	Casing Depth	TD	Job Type PTA New Well	
		Customer Representative			Treater Steve Orlando	
AFE Number		PO Number		Materials Received by X K.L. Thompson		

[illegible]

Customer Hupfer Operating Inc	Lease No.	Date 9-3-06
Lease MAI	Well # 2	
Field Order # 13735	Station Pratt	Casing
Type Job P.T.A. New Well	Depth	County Barton State KS
	Formation	Legal Description 16-16S-13W

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft			RATE	PRESS	ISIP
				Cement 135 sks 60/40 poz			
Depth	Depth	From	To	Pre Pad 490 gal	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume		Total Load

Customer Representative	Station Manager Dave Scott	Treater Steve Orlando
Service Units 118	346/570	
Driver Names Steve Taylor	LaChance	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00 AM					On location / safety meeting
7:30					1st plug @ 3400' w 25 sks 60/40 poz
			40	5	H2O Ahead
			7	5	mix 25 sks 60/40 poz @ 13.7 #/gal
			36	5	Displacement
10:30					2nd plug @ 925' 60/40 poz 25 sks
			20	5	H2O Ahead
			7	5	mix 25 sks 60/40 poz @ 13.7 #/gal
			9.5	5	Displacement
12:00					3rd plug @ 525' 60 sks 60/40 poz 13.7 #/gal
			10	5	H2O Ahead
			16	5	mix 60 sks @ 13.7 #/gal
			3	5	Displacement
1:00					4th plug @ 40' Run 8 5/8 wooden plug
			1	5	H2O Ahead
			10	5	mix 10 sks 60/40 poz @ 13.7 #/gal
			.5	5	Displacement Cement to Surface
1:10			4	4	Rathole mix 15 sks
					Job complete
					Thanks Steve

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